

Comb displacement (m)

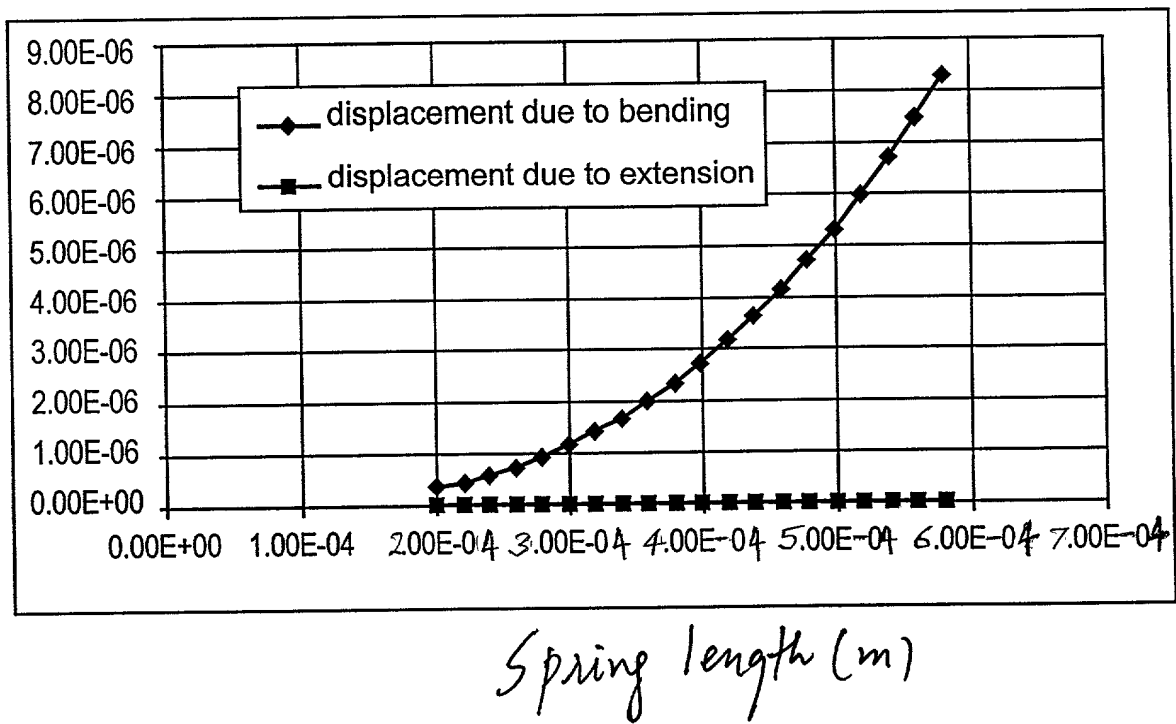
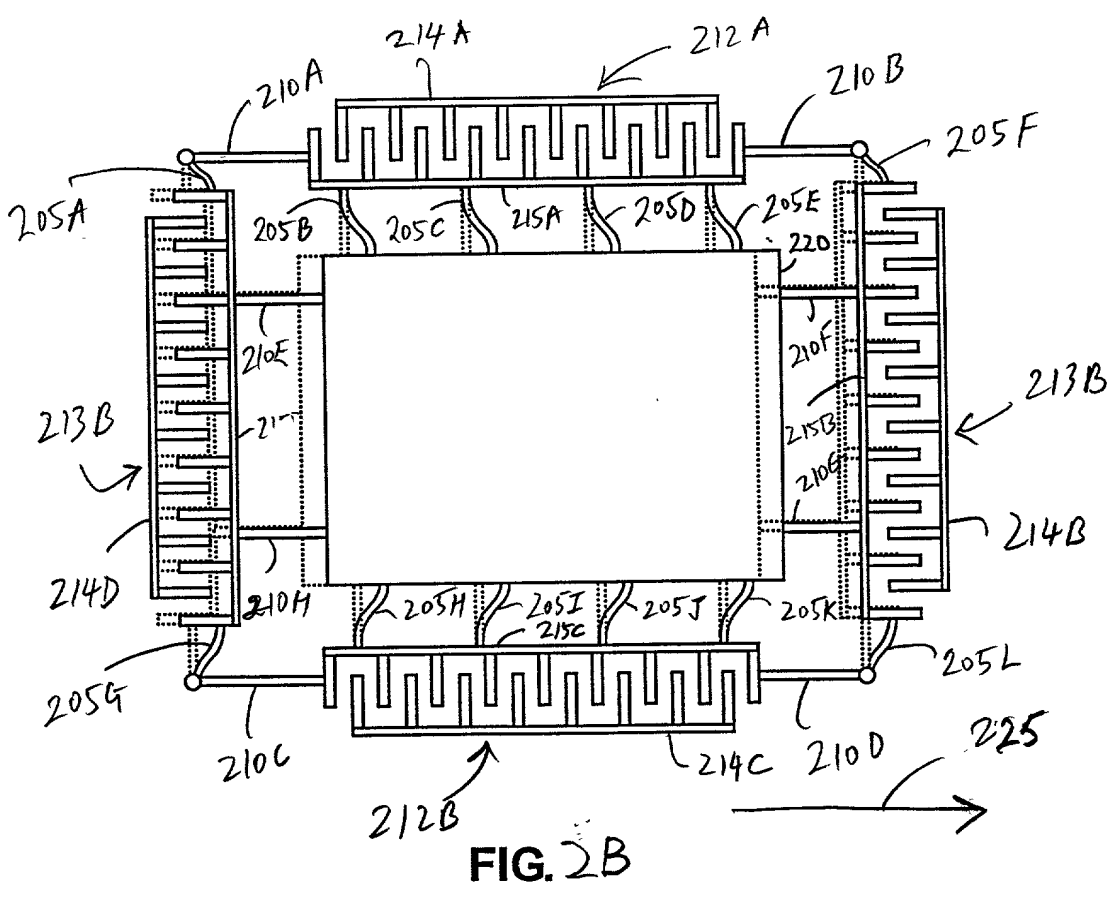
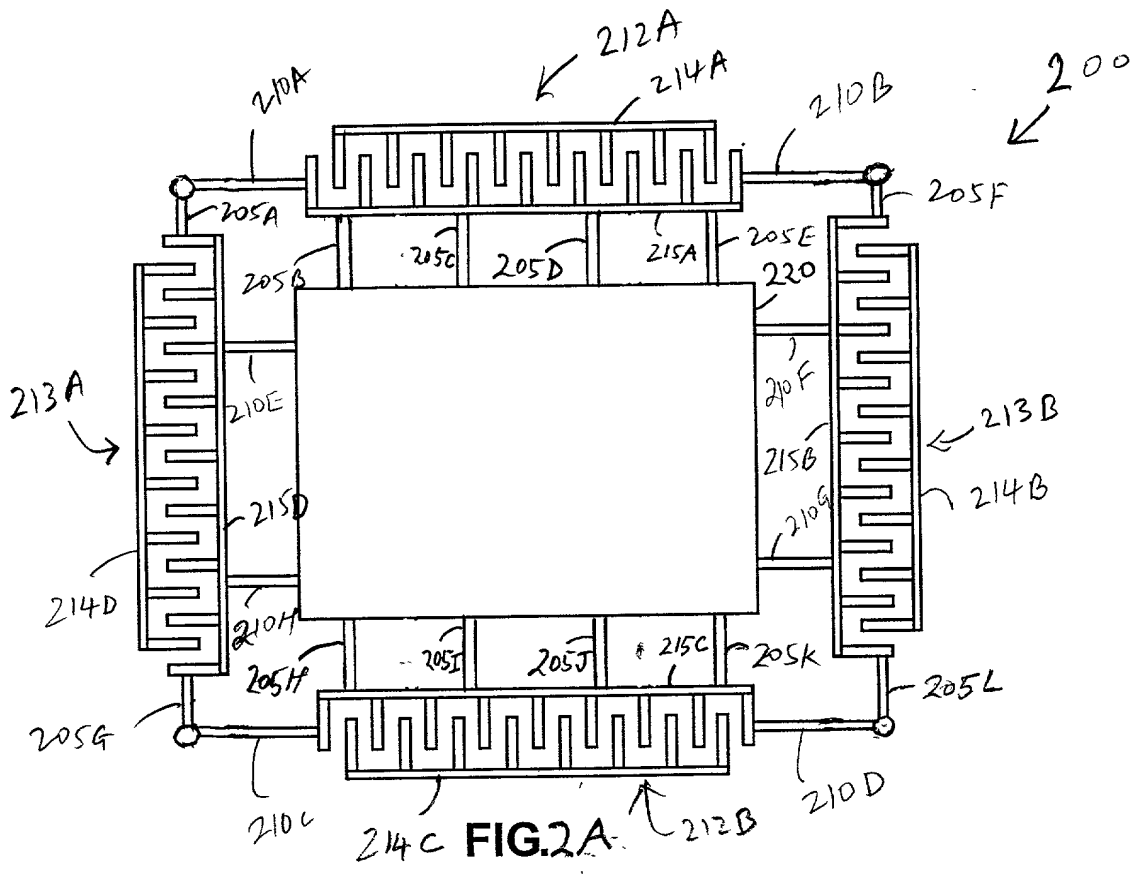


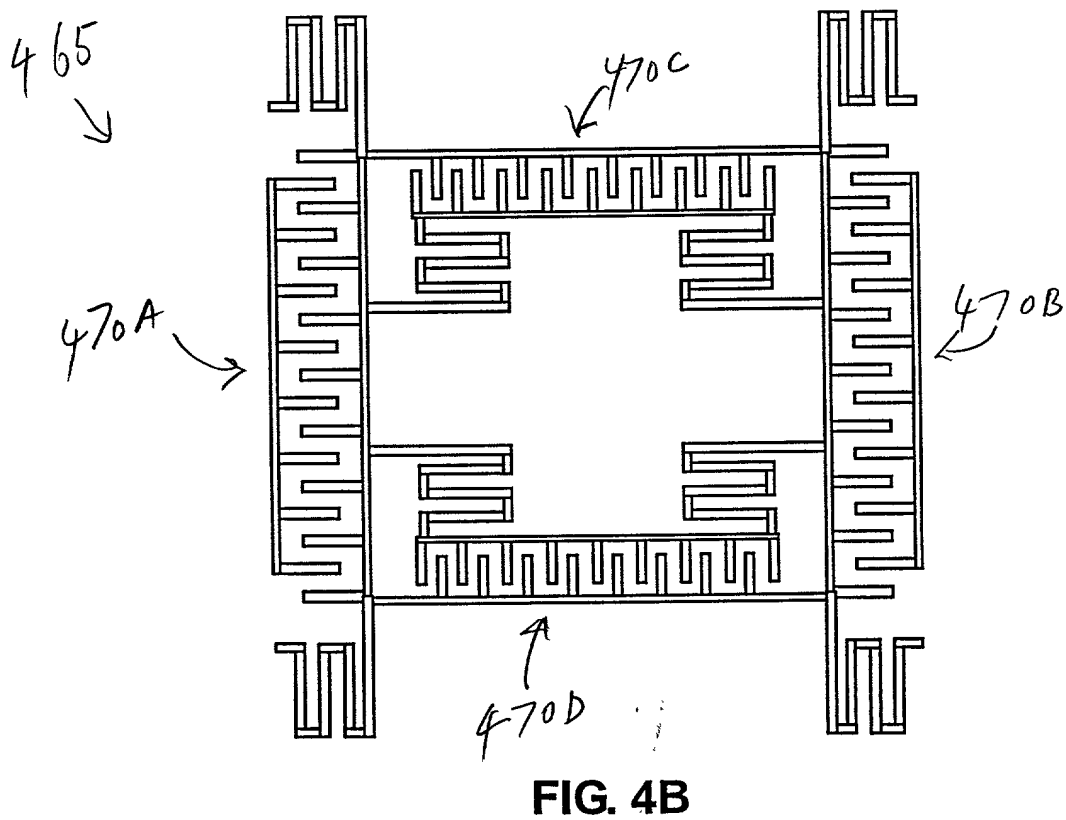
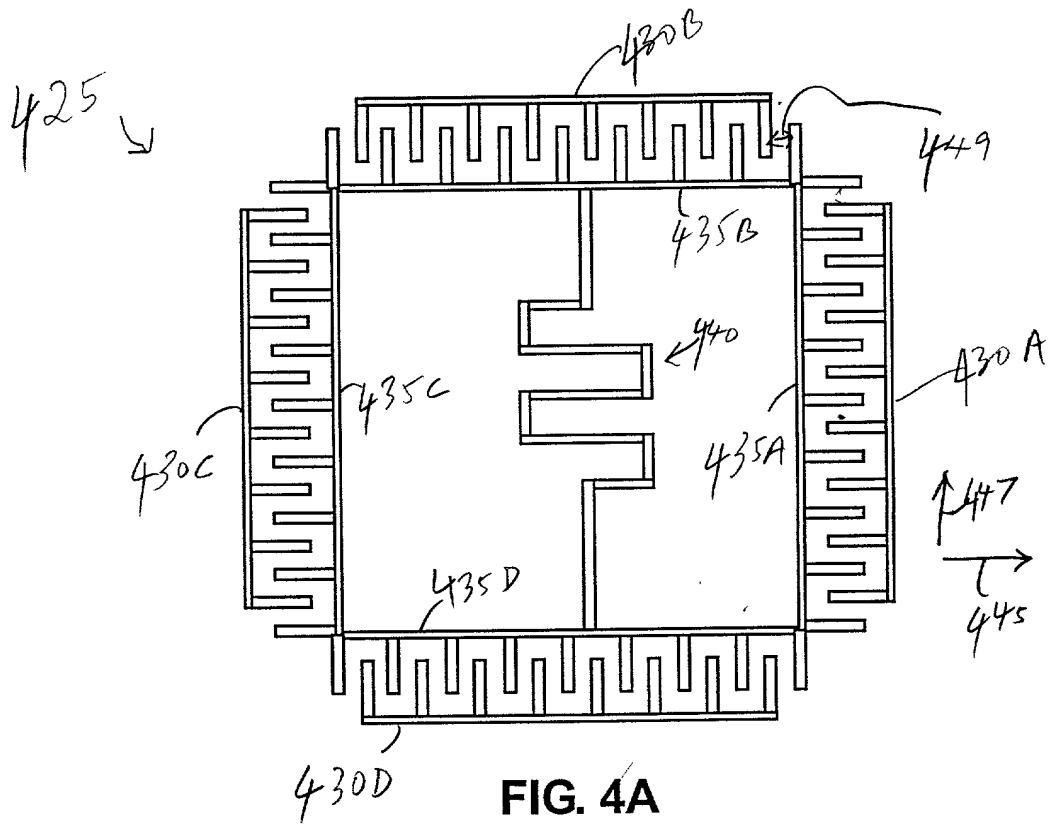
FIG. 1B



A line graph showing the relationship between Spring length (m) on the x-axis and Comb displacement (m) on the y-axis. The x-axis ranges from 0.00E+0 to 7.00E-04 with major ticks every 1.00E-04. The y-axis ranges from 0.00E+00 to 1.80E-05 with major ticks every 2.00E-06. The data points, represented by black diamonds connected by a solid line, show a non-linear, increasing relationship. The displacement starts near zero at a spring length of approximately 2.1E-04 m and increases to about 1.7E-05 m at a spring length of approximately 5.8E-04 m.

Spring length (m)	Comb displacement (m)
2.1E-04	0.8E-06
2.2E-04	0.9E-06
2.4E-04	1.2E-06
2.6E-04	1.5E-06
2.8E-04	1.8E-06
3.0E-04	2.2E-06
3.2E-04	2.8E-06
3.4E-04	3.5E-06
3.6E-04	4.2E-06
3.8E-04	5.0E-06
4.0E-04	5.8E-06
4.2E-04	6.5E-06
4.4E-04	7.5E-06
4.6E-04	8.5E-06
4.8E-04	9.8E-06
5.0E-04	1.1E-05
5.2E-04	1.25E-05
5.4E-04	1.4E-05
5.6E-04	1.55E-05
5.8E-04	1.7E-05

FIG. 3



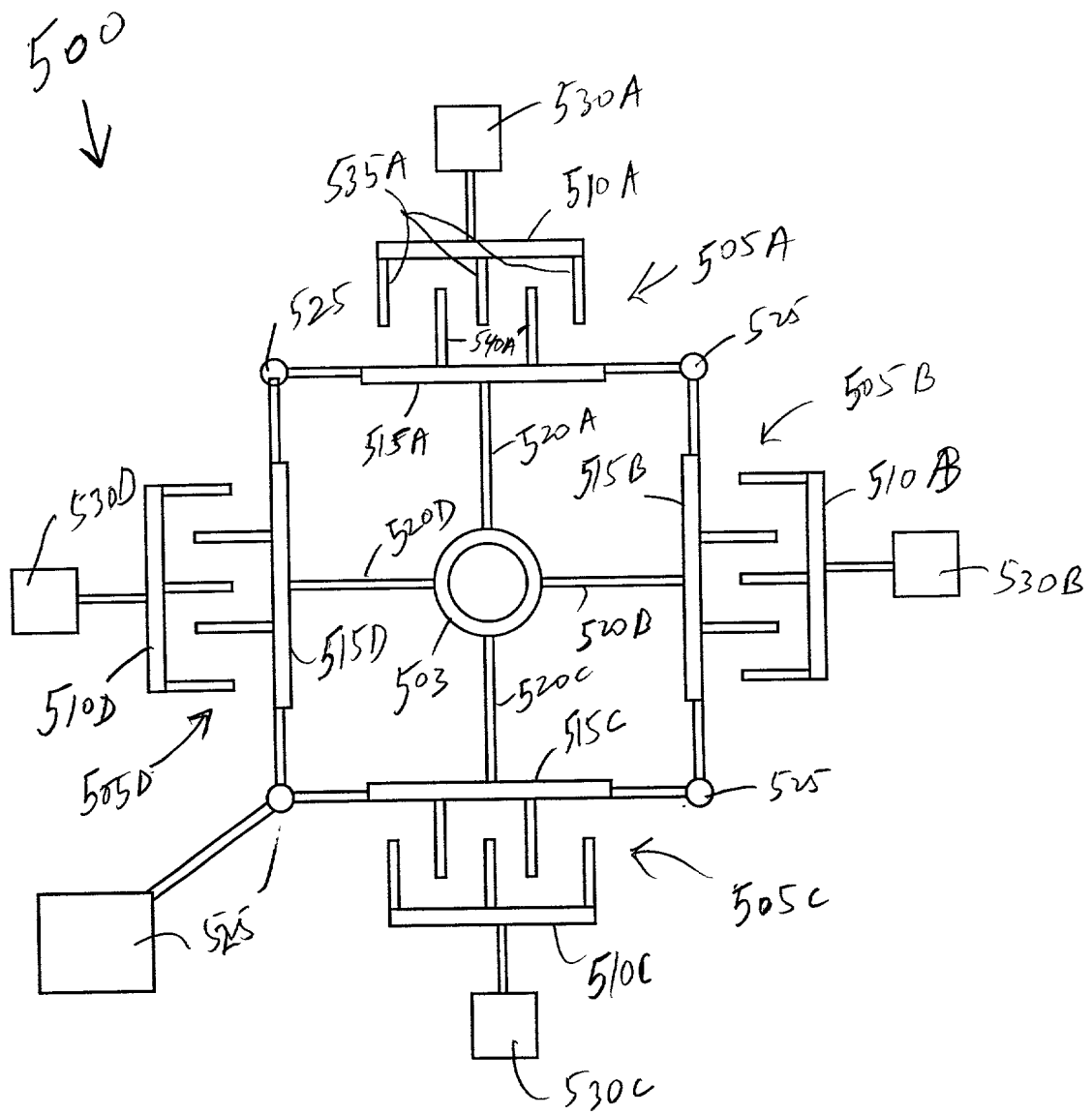


FIG. 5

500
↓

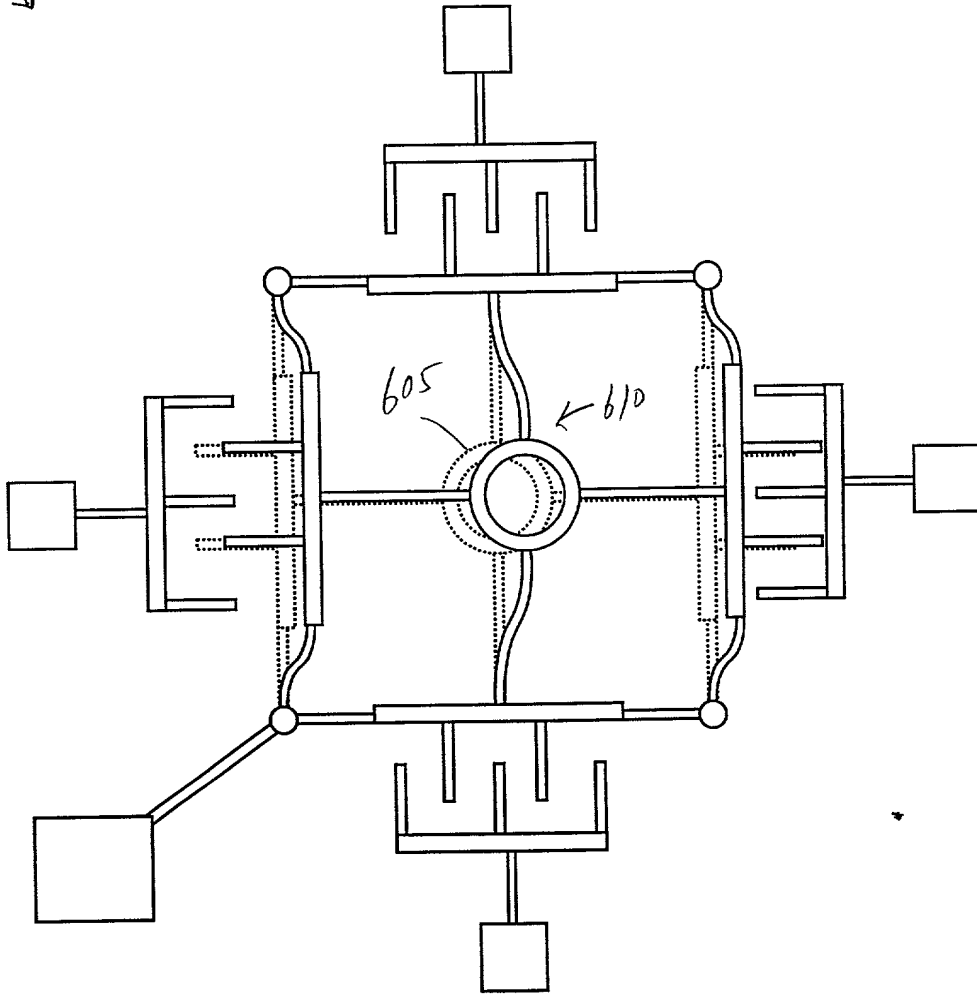


FIG. 6A

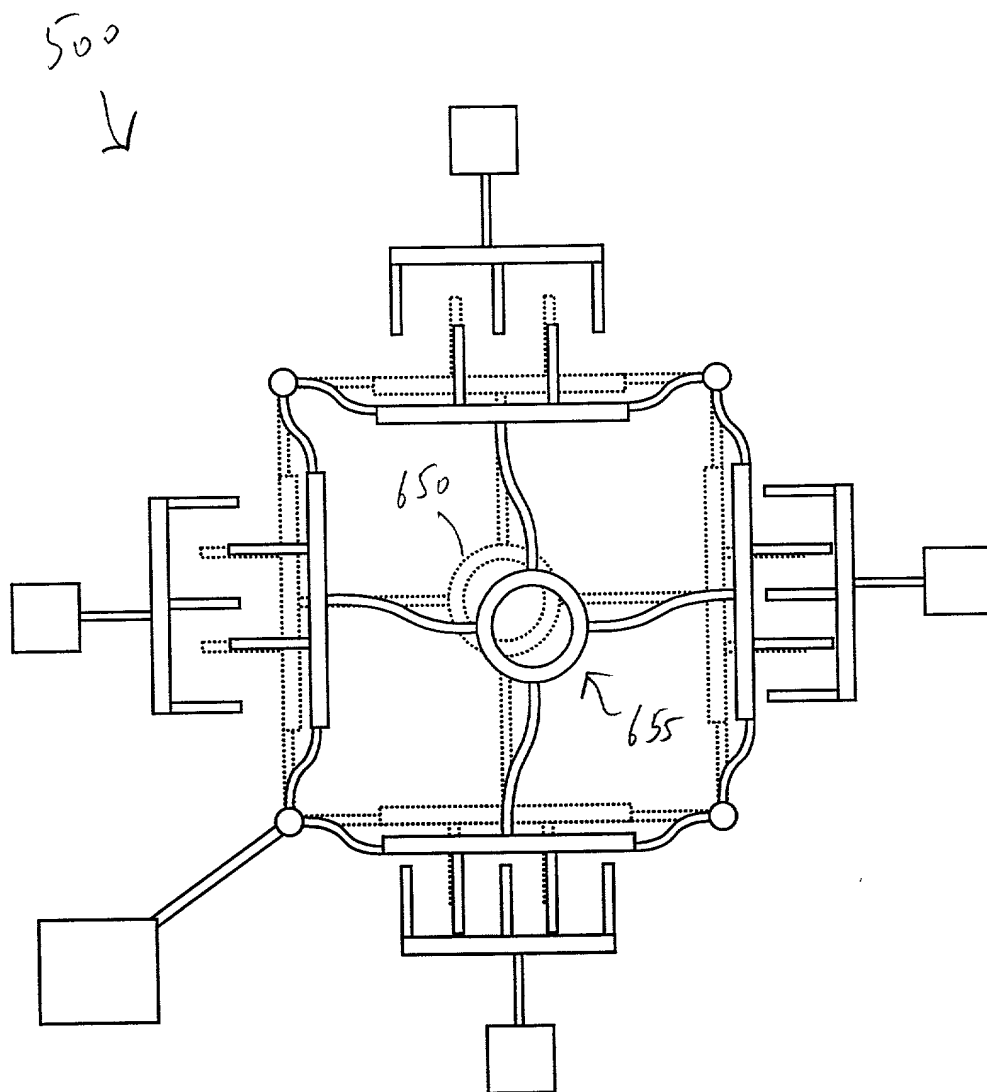


FIG. 6B

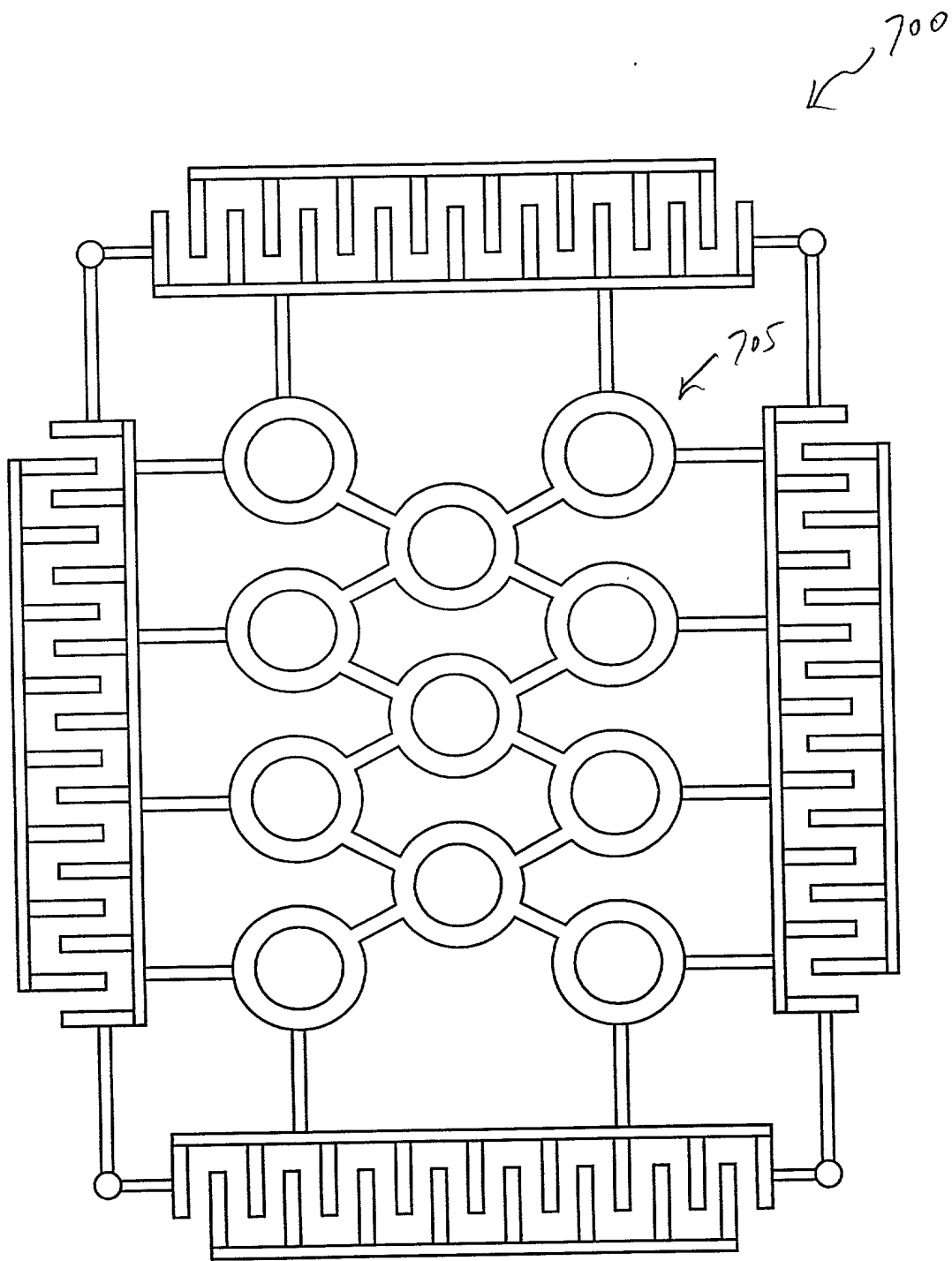


FIG. 7A

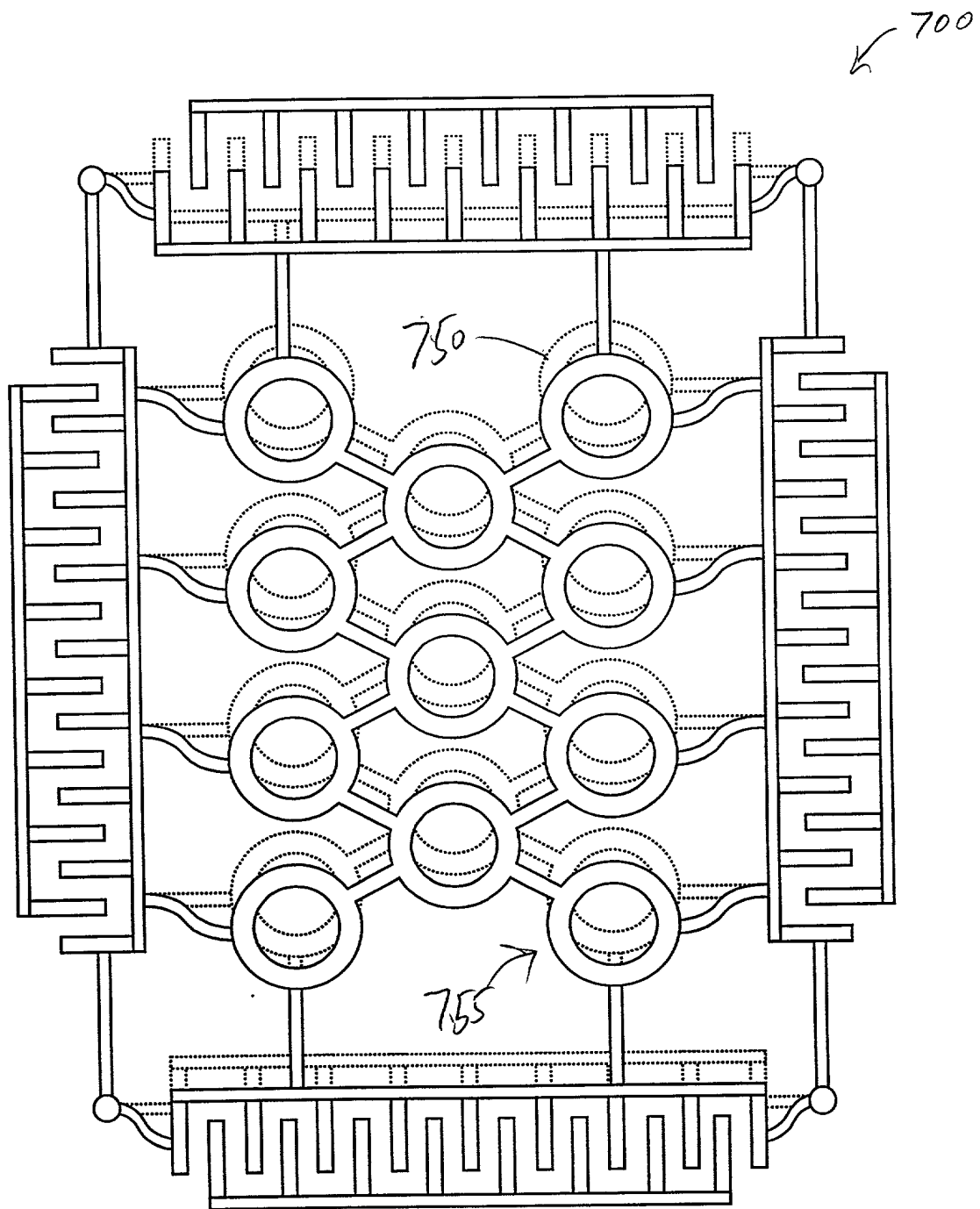


FIG. 7B